

### REMARKS

There are now pending in this application claims 1-5, 7, 10-14, and 16. Claims 6 and 15 have been cancelled without prejudice or waiver of their subject matter. No claims have been added.

In view of the above amendments and the following remarks, favorable reconsideration together with entry of this amendment and allowance of the above application is respectfully sought.

Claims 1-7 and 10-16 were rejected under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which Applicant regards as the invention. Applicant has substantially amended each of independent claims 1 and 10 in an effort to address the grounds of this rejection and to recite in positive fashion more specifically Applicant's invention. In view of these amendments, withdrawal of the rejection under § 112, is respectfully sought.

Each of claims 1-7 and 10-16 was rejected under 35 U.S.C. § 102(b) as being anticipated by Nagahira (U.S. Patent No. 6,605,802). In view of the above amendments, the rejection is respectfully traversed.

More specifically, in view of the above amendments, Applicant's invention is now characterized in that a conductor is wound over the entire length of the conductor without bringing any of the conductive portions into contact with any of the next one of the conductive portions.

Applicant submit that such features are neither taught nor suggested in Nagahira. More specifically, Nagahira discloses a conductor which has an insulation tube.

Therefore, Nagahira cannot be said to disclose a coil formed of a conductor whose conductive portions in which current flows over an entire length of the conductor are exposed, the conductor being wound over the entire length of the conductor without bringing any of the conductive portions into contact with any of the next one of the conductive portions. Accordingly, Applicant submits that each of claims 1 and 10 are distinguishable over the applied reference.

The remaining claims are dependent claims which depend either directly or indirectly from either claim 1 or claim 10 and are therefore patentable over the art of record for reasons noted above with respect to those claims. In addition, each of those claims recites features of the invention still further distinguishing it from the applied art. Favorable and independent consideration thereof is respectfully sought.

Applicant respectfully submits that all outstanding matters in this application have been addressed and that this application is in condition for allowance. Favorable reconsideration and early passage to issue of the above application is respectfully sought.

Applicant's undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our below listed address.

Respectfully submitted,

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